## IAPI Rec'd PCT/PTO 14 APR 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

	TRA	NSMITTAL LETTER T	O THE UNITED STATES	ATTORNEY'S DOCKET NUMBER							
		ESIGNATED/ELECTED		047084-0137							
	C	ONCERNING A FILING	UNDER 35 U.S.C. 371	U.S. APPLICATION NO (1847) 337 2:53 8 9 2 Unassigned							
		NAL APPLICATION NO. 004/015052	INTERNATIONAL FILING DATE 10/13/2004	PRIORITY DATE CLAIMED 10/16/2003							
TIT	LE OF IN										
API		RFLOW HEAT EXCHANGER S) FOR DO/EO/US		<u></u>							
l	Mitsuru IV	VASAKI and Kazunori NAMAI									
			es Designated/Elected Office (DO/EO/US)	<del>-</del>							
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4,		The US has been elected (Article 31).									
5.	√⊠	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	•	is attached hereto (required only if not communicated by the International Bureau).									
			d by the International Bureau.								
	_	is not required, as the application was filed in the United States Receiving Office (RO/US									
6.	⊠	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  ☐ is attached hereto. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).									
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau).  have been communicated by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.									
		A have not been made an	d will not be made.								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
lter	ns 11 to 2	0 below concern other docun	nent(s) or information included:								
11.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
12.	$\boxtimes$	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included									
	$\boxtimes$	A preliminary amendment.	·								
	$\boxtimes$	An Application Data Sheet under 37 CFR 1.76.									
		A substitute specification.									
		A power of attorney and/or cha	nge of address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825									
18.		A second copy of the published	international application under 35 U.S.C. 1	54(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4)										
20.		Other items or information:									
FOF	WETO:	(90 (Modified)									

## IAP15 Rec'd PCT/PTO 14 APR 2006

U.S. APPLICATION NO. (III	5 8 9 2	Y'S DOCKET NUMBER 34-0137											
The follo	ving fees have												
22. ⊠ Examin If International preli provisions of PC All other situations		tisfy	\$ 200.00										
23. Search	fee			·									
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the													
USPTO as an In													
International Search	Report prepa												
All other situations		\$	400.00										
7	OTAL OF AB	\$	900.00										
Additional fee sequence listing is \$ for each a	g or compute												
Total Sheets Ext				RATE									
21 - 100 = 0	/50 =	0				250.00	\$	0.00					
Surcharge of \$130. earliest claimed price	00 for furnishi rity date (37 0	om the	\$	0.00									
CLAIMS	NUMBER	FILED	FILED NUMBER EXTRA				\$		<u> </u>				
Total Claims	6	- 20 =	0	×\$		50.00	\$	0.00					
Independent Claim	3 1	- 3 =	0	x \$	2	200.00	\$	0.00					
MULTIPLE DEPEN	DENT CLAIM	\$											
		ONS =	\$	900.00									
Applicant control reduced by	aims small en ½.	+	\$	0.00	<del>-</del>								
		\$	900.00										
Processing fee of 1 from the earliest cla		\$											
			ТОТ	AL NATIO	ONAL	FEE =	\$	900.00					
Fee for recording th	e enclosed as	signmen	t (37 CFR 1.21(h)). The as	signment	must	be	\$	40.00	·				
accompanied by an	appropriate c	over she	et (37 CFR 3.28, 3.31). 40	.00 per pr	roperty	y							
	· -		TOTAL	FEES EI	NCLO	SED =	\$	940.00					
			Δ	Amount to be refunded:									
								charged:					
a. 🗌 A check	in the amou	unt of \$0	.00 to cover the above t	ees is e	nclose	ed.			I				
b. Please charge my Deposit Account No. <u>19-0741</u> in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.													
c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.													
d.  Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-													
2038. NOTE: Where a 1.137(a) or (b)) n	n appropri	ate time	e limit under 37 CFR	1.495 ha	as no	ot been	met,	a petition to	revive (37 CFR				
1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  SIGNATURE  SIGNATURE  Payan K Aganyal  3 ¥ 37 (													
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Customer Number: 22428 / NAME													
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REGISTRATION NUMBER													